

PTO/SB/08A (08-03)

Approved for use through 07/31/2008, OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Eduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

09/694,416 Application Number October 20,2000 Filing Date Thomas COLLINS First Named Inventor 2135 Art Unit Unknown Examiner Name 200301647-5 Attorney Docket Number

Considered

Sheet		i of		7			
GHEST			U. S. PATE	NT DOCUMENTS		Pages, Columns, Lines, Where	
caminer	Cite No.1	Document Number	Publication Date MM-DD-YYYY	e i Name	e of Patentee or t of Cited Document	Relevant Passages or Relevant Figures Appear	
3///		Number-Kind Code ² (F Incom) US- 5 351 298 A	09/27/1994	SMITH		<u></u>	
		US- 4 405 829 A	09/20/1983	RIVEST et	al.		
ORF-		US-					
		US-					
	-	US-					
	┼	US-					
	+	US-					
	1	US					
	+-	US-					
	\dagger	US-					
		US-				•	
		US-			·		
		US-					
		US-					
		US-					
		US					
		US-				· .	
		US-				<u> </u>	
L					ENITS		
Examin	er C	te Foreign Patent Document	FOREIGN	PATENT DOCUM Publication Date	Name of Patentee or Applicant of Oited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	
Initials*	N	Country Code ³ "Number ⁴ "Kind C	ode ⁶ (if known)	MM-DD-YYYY			

Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	Τ ^a
		Country Code ³ "Number ⁴ "Kind Code ⁶ (If known)				
						\mathbb{L}
			ļ			
	†		ļ			
	 			 		\top
	1-			<u></u>		
				Date	~//	

Signature

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kinds Codes of considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kinds Codes of considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kinds Codes of considered. Wisher of the patent document and the patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Kind of document by Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Skind of document by Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Skind of document by Japanese patent documents, the indication of the year of the required by 37 CFR 1.97 and 1.98. The Information is required to obtain or retain a benefit by the public which is to file (and by the Indication of Information is required by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete. USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete use the patent of process of the required patent of the patent of the chief Information Officer, U.S. Patent on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number. Under the Paperwork Religious **Application Number** 09/694,416 Substitute for form 1449/PTO October 20, 2000 Filing Date INFORMATION DISCLOSURE First Named Inventor Thomas COLLINS STATEMENT BY APPLICANT 2135 Art Unit (Use as many sheets as necessary) Unknown Examiner Name 200301647-5 Attorney Docket Number 2 of Sheet 2

	Cite	NON PATENT LITERATURE DOCUMENTS Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue the item (book, magazine, journal, serial, symposium, catalog, etc.), date, etc.)	T ²
xaminer nitials*	No.1	number(s), publisher, city and/or country where published.	[
UGF		14006 John Wiley & Sulls, Corti, A. Co	-
WLO		European Search Report, dated 10/11/2004; App No. EP 95 3075	-
416(
	_		
			+
	1		
	-		
			-
-	+		

ı			Deta	1 - 1, -
		111-111	Date	0/17/05
1	Cyaminer -//	Mow Di Laulle and Whether or not citation is in conformance with	Considered	
1	Examine	They The Anuallera	d Absorb 6	tetion if not in conformance and not
	Signature ////	erence considered, whether or not citation is in conformance with next communication to applicant.	MPEP 609. Draw line throught c	ALD GOTT II THE THE
	to Wind if cold	erence considered, whether or not chatton is in continued		tat to ettached
	EXAMINER: Initial in tele	erence considered, which will be communication to applicant.	k mark here if English language	Translation is attached.

considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete any any comments on the USPTO. Time will vary depending upon the individual case. Any comments on the gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the Chief Information Officer, U.S. Patent and amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and State Processing the pr

											Sheet	l of l	
FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE					ATTY DOCKET NO.			PATENT	PATENT/SERIAL NO.				
	PA	MENI AND I	KADEMAK	20206-125 (PT-TA410-3)			5,848,159 09/694,416						
	INFORM	MATION DISC	LOSURE	APPLICANT									
	STATE	MENT BY API	PLICANT	٠									
i		•		Collins et al.		•							
					FILING DATE	GROUP							
					October 10, 2000			2131					
				U. S.	PATENT DOCU	MENTS							
EXAMINER INITIAL		DOCUMENT	NUMBER	DATE	NAME		CLASS	SUBCLASS	S		DATE IF		
ALAI)	1		.		_		 	 		APPRO	PRIATE		
MAS	Α	5,136,647		08/04/92	Haber et al.		380	49		08/02/9	90		
***	 				- 			 					
								<u></u>					
£0.													
		 		-			-						
	<u> </u>			<u> </u>									
ı.													
- अर्चन: द्यः द्यः	†						-	1					
	<u> </u>	<u> </u>		i	<u> </u>		<u> </u>			<u> </u>			
1 4:				FOREIC	N PATENT DO	UMEN'	rs						
A		DOCUMENT	NUMBER	DATE	COUNTRY	NAME		CLASS	SUBC	SUBCLASS		LATION	
	AH					+			<u> </u>		YES	NC	
<u> </u>	Al												
]+; .e.		OTH	en poorn	(TC) 1000 (1	1 1 4 .1			n n N					
	1	OTHI	Miceli et al	AEN IS (Inc	luding Author, Ti ble-Subgroup Multis	tle, Date	, Pertinent	Proceedings	of the E	obth AC	M Confo		
MA	AJ		on Compute	er and Comm	unications Security,	@ACM	, CC3 01, 2001, Augu	st 15, 2001, p	p. 1-18	igilul AC	ivi Conte	Tence	
1111			Menezes et	al., Handboo	k of Applied Crypto	graphy, (CRC Press,	1997, Chapter	8, "Pub	lic-Key	Encryptic	n",	
was	AK AL	 	pp. 283-319	<u>'</u>			 						
	AM			· · · · · ·									
	AN												
	AO				· · · · · · · · · · · · · · · · · · ·			•				•	
	AP												
	AQ AR	 											
	AS	 			-	•		· · · · · · · · · · · · · · · · · · ·					
 	AT	 	,										
EXAMINER	IL.	. 1	1		DATE	ONSIDE	RED						
Mark	hew	Di Sh	ruller	r	8	117/	105		•				
		_								-			
considered. Inc	nitial if cit lude copy	tation considered, of this form with	, whether or no next commun	ot citation is in ication to anni	conformance with Mi	'EP 609; d	raw line throi	igh citation if n	ot in conf	formance	and not		